EDUCATION AUTHORITY OF THE COUNTY OF DUMBARTON.

Sixteenth Annual Report

ON THE

MEDICAL INSPECTION OF SCHOOL CHILDREN.

1926–1927.

(Year ending 31st July, 1927.)

KIRKINTILLOCH:
PRINTED BY D. MACLEOD, LTD.

CONTENTS.

	PAGE
Preface, ...	3
List of Staff, ...	5
Report on Medical Inspection, ...	6
Report on Medical Treatment, ...	40
Report by School Nurses, ...	45
Index, ...	46

PREFACE.

To the Education Authority
of the County of Dumbarton.

LADIES AND GENTLEMEN,

I beg to submit the Sixteenth Annual Report on the Medical Inspection of School Children in the County, which has been compiled by the Medical Officers and also particulars relating to the work done at the Treatment Clinics.

Attention is directed to Table 7.-F, from which it will be seen that a County Standard of Heights and Weights has been worked out from data collected during the past years. It will be noted that the new County Standard, as far as heights are concerned, exceeds the Anthropometric Standard, while the County Standard of weights is for the most part lower than the Anthropometric Standard; indeed, as regards weights, in the case of both boys and girls of twelve years of age the standards differ by no less than 3 lbs.

The figures in the Report do not show any very marked difference from those of previous years. It will be seen, however, that fewer children suffering from ear diseases were discovered. The figures relating to tuberculous diseases are less than in previous years, but, on the other hand, the figures relating to Rickets show no improvement.

As regards treatment, the work in the Adenoid and Tonsil Clinics showed a slight increase, necessitating extra operating days in order to cope with the waiting list.

Owing probably to the prolonged absence, on account of illness, of both Miss Pugh and Miss M'Kendrick, the dental figures are not as large as in last year's Report.

I would again refer to the disadvantages under which treatment work in Kirkintilloch is carried out. The Clinic there cannot be said to be satisfactory, and it is to be hoped that a solution of the difficulty will soon be found. The matter was under consideration by the Committees during the year, but the difficulties which presented themselves had not been surmounted by the end of the School Year.

I am,

Your obedient Servant,

THOMAS LAUDER THOMSON, M.D., D.P.H.

88 College Street,
Dumbarton, December, 1927.

Education Authority of the County of Dumbarton.

SCHOOL MEDICAL STAFF.

Supervising School Medical Officer.

T. LAUDER THOMSON, M.D., D.P.H.

School Medical Officers.

MILDRED M. L. CATHELS, M.B., D.P.H.
ANDREW D. COWAN, M.B., D.P.H.

Dental Surgeons.

ALFRED C. S. MARTIN, L.D.S.
ELIZABETH M'KENDRICK, L.D.S.
VERA PUGH, L.D.S.
M. WYDNER, L.D.S. (part time).

Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc. (part time).

Ear, Nose and Throat Specialist.

JAMES KERR LOVE, M.D. (part time).

Dermatologist.

J. GOODWIN TOMKINSON, M.D. (part time).

Inspection and Clinic Nurses.

M. GILMOUR.
C. M. JEFFREY.
S. DOUGHERTY.
C. B. CLARKE.
E. LYLE.
E. YULE.

Nurses for Special Schools.

J. L. THOMSON.
J. MACDONALD.

Dental Attendants.

ANNIE RAE.
MARGARET CRUICKSHANK.

Clerks (part time).

GEORGE BROWNE.
AGNES KENNEDY.

REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUMBARTON.

1.—List of Staff.

See page 5.

2.—(a) Number of Schools.

School Management Area.

Cumbernauld,	6
Kirkintilloch,	6
New Kilpatrick,	6
Old Kilpatrick,	12
Dumbarton,	7
Vale of Leven,	11
Helensburgh,	13
Total,	61

(b) Number of Children on Register and in Average Attendance.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld, ...	1,034·6	911·6	88·1
Kirkintilloch, ...	3,503·0	3,116·6	89·0
New Kilpatrick, ..	1,455·5	1,308·5	89·9
Old Kilpatrick, ..	10,614·6	9,551·2	90·0
Dumbarton, ...	5,048·5	4,556·3	90·3
Vale of Leven, ...	3,906·4	3,495·9	89·5
Helensburgh, ...	1,790·5	1,622·2	90·6
Total, ..	27,353·1	24,565·3	89·8

3.—Number of Visits for Systematic Examination.

NOTE.—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above, ... 478

4.—Number of Special Visits by Medical Officers.

For re-examination of defective children, . . 31
For examination of backward or mentally or physically defective children, ... 51
For inquiry about outbreaks of infectious disease, . 3
For examinations for employment licences, necessitous children, etc., ... 69
Attendances at Clinics, ... 256
Attendances at Committee meetings, office work, etc. 71

5.—Sanitary Condition of Schools.

The following improvements in the sanitary arrangements have been carried out during the year :—

At the following schools the old drinking wells have been replaced by modern drinking fountains :—St. Joseph's School, Helensburgh ; West Bridgend School, Dumbarton ; Garscadden Public School ; Elgin Street Public School, Clydebank ; Dalmuir Public School, Clydebank.

At Jamestown School and at Glen Douglas School the lavatory arrangements have been modernised.

Dalreoch R.C. School is now occupied, and the building includes ample and very modern lavatory accommodation.

Bonhill and Twechar Schools are now nearing completion, and, like Dalreoch, the lavatory arrangements are very modern.

In conjunction with the County Council, a Committee of the Authority has been considering the possibility of accidents to pupils in districts affected by the increased vehicular traffic. This is applicable, particularly to schools where the playground abuts the main roadway, and it has been considered expedient to erect barriers at the entrances to several play-grounds to prevent the children from running on to the road. Barriers will be erected at the following schools :—Bonhill, Jamestown, Lenzie Academy, Main Street, Alexandria.

The simpler method of fixing the gate in a half-open position has been considered sufficient prevention at the following schools, and the necessary bolt arrangements will be fixed on the gates :—Renton, Cardross, Roseneath, Rhu, Clyde Street, and Gavinburn.

At Bearsden Academy this question was very acute, and, as a result of negotiations with the County Council, the roadway has been widened to permit the forming of a footpath at the School side of the road. This alteration should be completed for the re-opening of the School after the Summer vacation.

6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-ordination with Public Health Departments.

For outline of organisation and administration see Reports 1914-15, pages 7-8 ; and 1922-23, pages 7-8.

Owing to the number of children on the waiting lists, the number of days allotted to operations for the removal of tonsils and adenoids had to be increased, and as an extra temporary nurse was required, Nurse Johnson, a former member of the staff, was appointed.

Nurse Johnson also took the place of Nurse Dougherty

and Nurse Lyle on the occasions when they were off duty on account of illness.

Miss M'Kendrick was off duty for a time on account of illness, and her place was taken by Mrs. Brown, M.B., L.D.S.

Mr. A. Hamilton Kirk, L.D.S., took over Miss Pugh's work during her absence on sick leave.

Dr. Tennant was granted a short leave of absence in order to attend post graduate classes in Vienna.

The Medical Officers have recently found the examination of subnormal and mentally defective children to be encroaching seriously on their time for routine work, so in order to relieve them of work of a purely educational nature, the Education Authority appointed Miss Annie T. Paterson, M.A., B.Ed., as adviser in such matters, part of Miss Paterson's duties being to report to the Medical Officers those children who do not appear to be suitable for the ordinary school.

Since her appointment in January, Miss Paterson has examined 76 children as to their mental condition, with the following result:—Fifty-five children were classified as definitely mentally defective and suitable for a special school; 10 children were found to be border-line cases; 4 children were over 13 years of age; and 7 children were institution cases.

6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No. of Parents Present at Non-Routine Examinations
Cumbernauld, ...	298	41	13·7	6
Kirkintilloch, ...	1047	317	30·2	120
New Kilpatrick, ...	342	88	25·7	8
Old Kilpatrick, ...	2977	1032	34·6	469
Dumbarton, ...	1461	342	23·4	344
Vale of Leven, ...	1224	506	41·3	444
Helensburgh, ...	543	150	27·6	117
Total, ...	7892	2476	31·4	1508

7.—The Physical Condition of the School Children.

A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA:	ROUTINE CASES.																			NON-ROUTINE
	Entrants.				Age 8.				Age 12.				Age 16.				Total.			
	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	
Cumbernauld,	5 8/12	59	61	120	8 8/12	53	34	87	12 3/12	37	54	91	..	..	..	..	149	149	298	29
Kirkintilloch,	5 11/12	231	217	448	8 10/12	110	102	212	12 3/12	181	179	360	16 7/12	9	18	27	531	516	1047	279
New Kilpatrick,	5 9/12	70	61	131	8 3/12	38	31	69	12 4/12	54	72	126	16 3/12	7	9	16	169	173	342	36
Old Kilpatrick,	5 3/12	577	611	1188	8 10/12	405	397	802	12 5/12	480	474	954	16 4/12	18	15	33	1480	1497	2977	941
Dumbarton,	6	235	244	479	8 7	192	182	374	12 5/12	290	232	522	16 4/12	50	36	86	767	694	1461	783
Vale of Leven,	6	246	245	491	8 5/12	179	175	354	12 5/12	182	184	366	16 3/12	8	5	13	615	609	1224	877
Helensburgh,	5 10/12	103	98	201	8 3/12	72	64	136	12 4/12	106	83	189	16 5/12	7	10	17	288	255	543	304
Total,	5 10/12	1521	1537	3058	8 5/12	1049	985	2034	12 4/12	1330	1278	2608	16 3/12	99	93	192	3990	3893	7892	3240*

*This figure includes 2471 children examined at the Clinics, the remaining 778 being examined in the Schools.

7.—B. Number of Children notified to Parents as suffering from Defects.

School Management Area.		Cumbernauld.			Kirkintilloch.			New Kilpatrick.			Old Kilpatrick.			Dumbarton.			Vale of Leven.			Helensburgh.			Total.		
Number of Routine Cases examined, ..		298			1047			342			2977			1461			1224			543			7802		
Card.	Defect.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
A.	Vermin or Nits on Head, ..	16	5·3	3	52	4·0	1	11	3·2	..	170	5·7	10	150	10·2	10	127	10·3	3	25	4·6	2	551	7·0	29
G.	Vermin on Clothing, ...	2	0·6	..	8	0·7	2	2	0·5	..	22	0·7	6	24	1·6	6	26	2·1	1	3	0·5	..	87	1·1	15
J.	Unsatisfactory Footgear, ..	...	..	..	4	0·3	..	3	0·8	..	..	..	1	5	0·3	1	..	..	..	..	..	..	12	0·1	2
K.	Unsatisfactory Clothing, ..	..	..	..	4	0·3	..	..	..	..	4	0·1	1	8	0·5	1	8	0·6	2	2	0·3	..	26	0·3	4
D.	Tonsils and Adenoids, ...	0	3·0	2	14	1·3	6	9	2·6	2	114	3·8	56	155	10·6	77	126	10·2	70	54	9·9	21	481	6·0	234
E.	Ear Disease, ...	1	0·3	..	2	0·1	..	3	0·8	..	13	0·4	16	5	0·3	7	5	0·4	..	2	0·3	1	31	0·4	24
H.	Defective Vision and Eye Disease,	10	3·3	2	33	3·1	8	6	1·7	2	125	4·2	150	117	8·0	90	68	5·5	50	34	6·2	17	393	4·0	337
M.I.M.T.	Other Diseases, ...	..	..	..	..	..	..	..	..	..	1	0·03	..	3	0·2	..	2	0·1	..	..	..	..	6	0·07	..
U.M.T.	Already under Treatment, ..	6	2.0	1	2	0·1	2	..	..	1	20	0·6	30	16	1·1	10	15	1·2	3	6	1·1	..	65	0·8	47
P.A.	Parents Advised, ...	12	4·0	6	89	8·5	120	14	4·0	8	341	11·4	460	326	22·3	344	487	30·8	444	147	27·0	117	1416	17·9	1508
	Total, ...	56	..	14	208	..	139	48	..	13	810	..	748	800	..	555	864	..	573	273	..	158	3068	..	2200

7.—D. Clothing.

School Management Area.		No. of Routine cases examined.	SUFFICIENCY.							REPAIR.							CLEANLINESS.						
			Good.		Medium.		Bad.		Non-Routine.	Good.		Medium.		Bad.		Non-Routine.	Good.		Medium.		Bad.		Non-Routine.
			No.	%	No.	%	No.	%	Bad.	No.	%	No.	%	No.	%	Bad.	No.	%	No.	%	No.	%	Bad.
Cumbernauld,	Boys,	149	149	100·0	..	..	..	..	..	146	98·0	3	2·0	..	..	..	147	98·7	2	1·3	..	..	..
	Girls,	149	148	99·3	1	0·7	..	..	..	148	99·3	1	0·7	..	..	..	148	99·3	1	0·7	..	..	..
	Total,	298	297	99·7	1	0·3	..	..	..	294	98·7	4	1·3	..	..	2	295	99·0	3	1·0	..	..	2
Kirkintilloch,	Boys,	531	530	99·8	1	0·2	..	..	..	513	97·6	17	2·2	1	0·2	..	514	97·8	17	2·2	..	..	..
	Girls,	516	514	99·6	1	0·2	1	0·2	..	510	98·8	4	0·8	2	0·4	..	512	99·2	3	0·6	1	0·2	..
	Total,	1047	1044	99·7	2	0·2	1	0·1	..	1023	97·7	21	2·0	3	0·3	2	1026	97·9	20	2·0	1	0·1	..
New Kilpatrick,	Boys,	169	168	99·4	1	0·6	..	..	..	166	98·2	2	1·2	1	0·6	..	165	97·6	4	2·4	..	..	..
	Girls,	173	172	99·4	1	0·6	..	..	..	173	100·0	..	..	..	..	..	171	98·9	2	1·1	..	..	..
	Total,	342	340	99·4	2	0·6	..	..	..	339	99·1	2	0·6	1	0·3	..	336	98·3	6	1·7	..	..	..
Old Kilpatrick,	Boys,	1480	1476	99·7	4	0·3	..	..	..	1402	94·8	70	4·7	8	0·5	..	1409	95·2	65	4·4	6	0·4	..
	Girls,	1497	1494	99·8	2	0·1	1	0·1	..	1449	96·8	46	3·1	2	0·1	..	1458	97·4	38	2·5	1	0·1	..
	Total,	2977	2970	99·8	6	0·2	1	0·1	1	2851	95·8	116	3·9	10	0·3	4	2867	96·3	103	3·5	7	0·2	1
Dumbarton,	Boys,	767	757	98·7	10	1·3	..	..	..	598	77·9	157	20·5	12	1·6	..	662	86·2	94	12·2	11	1·6	..
	Girls,	694	681	98·7	13	1·9	..	..	..	500	72·0	181	26·1	13	1·9	..	591	85·2	94	13·5	9	1·3	..
	Total,	1461	1438	98·4	23	1·6	..	..	..	1098	75·2	338	23·1	25	1·7	..	1253	85·7	188	12·9	20	1·4	..
Vale of Leven,	Boys,	615	610	99·2	5	0·8	..	..	..	504	82·0	104	16·9	7	1·1	..	547	89·0	61	9.9	7	1·1	..
	Girls,	609	604	99·2	4	0·6	1	0·2	..	466	76·5	132	21·7	11	1·8	..	523	85·9	81	13·3	5	0·8	..
	Total,	1224	1214	99·2	9	0·7	1	0·1	..	970	79·2	236	19·3	18	1·5	1	1070	88·3	142	11·7	12	0·9	2
Helensburgh,	Boys,	288	288	..	..	..	..	..	..	270	93·8	16	5·5	2	0·7	..	279	96·9	7	2·4	2	0·7	..
	Girls,	255	255	..	..	..	..	..	..	220	86·3	34	13.3	1	0·4	..	237	93·0	18	7·0	..	..	..
	Total,	543	543	..	..	..	..	..	..	490	90·3	50	9·2	3	0·5	..	516	95·0	25	4·6	2	0·4	..
Total,	Boys,	3999	3978	99·5	24	0·5	..	..	..	3599	90·0	369	9·2	31	0·8	..	3723	93·1	250	6·2	26	0·7	..
	Girls,	3893	3868	99·3	22	0·6	3	0·1	..	3466	89·1	398	10·2	29	0·7	..	3640	93·5	237	6·1	16	0·4	..
	Total,	7892	7846	99·4	43	0·5	3	0·1	1	7065	89·6	767	9·7	60	0·7	9	7363	93·4	487	6·1	42	0·5	5

7.—E. Footgear.

SCHOOL MANAGEMENT AREA.		Number Examined.	ROUTINE CASES. Good. Number.	Good. Per cent.	Medium. Number.	Medium. Per cent.	Bad. Number.	Bad. Per cent.	None. Number.	None. Per cent.	NON-ROUTINE. Bad.	NON-ROUTINE. None.
Cumbernauld,	Boys,	149	149	100·0	..	..	..	..	..	..	..	..
	Girls,	149	145	97·3	4	2·7	..	..	..	..	..	..
	Total,	298	294	98·7	4	1·3	..	..	..	..	..	..
Kirkintilloch,	Boys,	531	520	97·9	6	1·1	3	0·6	2	0·4	..	..
	Girls,	516	509	98·6	4	0·8	3	0·6	..	..	..	..
	Total,	1047	1029	98·3	10	0·9	6	0·6	2	0·2	..	..
New Kilpatrick,	Boys,	169	169	100·0	..	..	..	..	..	..	..	..
	Girls,	173	173	100·0	..	..	..	..	..	..	..	..
	Total,	342	342	100·0	..	..	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1480	1437	97·0	30	2·0	9	0·7	4	0·3	..	..
	Girls,	1497	1477	98·6	13	0·9	4	0·3	3	0·2	..	..
	Total,	2977	2914	97·8	43	1·5	13	0·5	7	0·2	1	..
Dumbarton,	Boys,	767	679	88·6	62	8·1	18	2·3	8	1·0	..	..
	Girls,	694	611	88·1	80	11·5	3	0·4	..	..	..	..
	Total,	1461	1290	88·5	142	9·6	21	1·4	8	0·5	..	..
Vale of Leven,	Boys,	615	553	89·9	41	6·7	11	1·8	10	1·6	..	..
	Girls,	609	546	89·7	49	8·0	11	1·8	3	0·5	..	..
	Total,	1224	1099	89·9	90	7·3	22	1·8	13	1·0	..	..
Helensburgh,	Boys,	288	280	97·3	6	2·1	1	0·3	1	0·3	..	..
	Girls,	255	244	95·7	10	3·9	1	0·4	..	..	..	..
	Total,	543	524	96·5	16	2·9	2	0·4	1	0·2	..	..
Total,	Boys,	5999	3787	94·8	145	3·6	42	1·0	25	0·6	..	..
	Girls,	3893	3705	95·3	160	4·1	22	0·5	6	0·1	..	..
	Total,	7892	7492	95·0	305	3·8	64	0·8	31	0·4	1	..

7.—F. Average Heights and Weights in Inches and Pounds.

BOYS.

School Management Area.	Entrants. Number Examined.	Entrants. Average Age.	Entrants. Height.	Entrants. Height. Anthropometric Standard.	Entrants. Weight.	Entrants. Weight. Anthropometric Standard.	Age 8. Number Examined.	Age 8. Average Age.	Age 8. Height.	Age 8. Height. Anthropometric Standard.	Age 8. Weight.	Age 8. Weight. Anthropometric Standard.
Cumbernauld,	59	5 5/12	41·7	41·0	40·2	39·9	53	8 9/12	48·9	47·0	57·1	54·9
Kirkintilloch,	231	5 11/12	41·9	„	41·1	„	110	8 9/12	48·2	„	55·0	„
New Kilpatrick,	70	5 9/12	42·3	„	43·0	„	38	8 9/12	48·5	„	56·8	„
Old Kilpatrick,	577	5 8/12	41·9	„	40·7	„	405	9	49·2	„	55·0	„
Dumbarton,	235	6 1/12	42·6	„	41·5	„	192	8 7/12	47·9	„	53·0	„
Vale of Leven,	246	6	42·6	„	42·2	„	179	8 7/12	48·5	„	54·3	„
Helensburgh,	103	5 9/12	43·1	„	42·2	„	72	8 4/12	48·6	„	55·2	„
Total,	1521	5 10/12	42·3	41·0	41·5	39·9	1049	8 8/12	48·5	47·0	55·2	54·9
	*County Standards.		41·4 inches.		40·6 lbs.		County Standards.		48·3 inches.		54·0 lbs.	

School Management Area.	Age 12. Number Examined.	Age 12. Average Age.	Age 12. Height.	Age 12. Height. Anthropometric Standard.	Age 12. Weight.	Age 12. Weight. Anthropometric Standard.	Age 16. Number Examined.	Age 16. Average Age.	Age 16. Height.	Age 16. Height. Anthropometric Standard.	Age 16. Weight.	Age 16. Weight. Anthropometric Standard.
Cumbernauld,	37	12 1/12	54·0	54·9	74·3	76·7	..	..	..	64·3	..	110·0
Kirkintilloch,	181	12 3/12	55·1	„	76·0	„	9	16 8/12	63·7	„	117·9	„
New Kilpatrick,	54	12 4/12	55·5	„	78·8	„	7	16 3/12	66·5	„	126·8	„
Old Kilpatrick,	480	12 3/12	55·1	„	75·4	„	18	16 8/12	65·3	„	122·5	„
Dumbarton,	290	12 4/12	54·7	„	73·5	„	50	16 4/12	64·1	„	117·9	„
Vale of Leven,	182	12 4/12	54·7	„	72·4	„	8	16 7/12	65·2	„	120·2	„
Helensburgh,	106	12 4/12	55·7	„	75·4	„	7	16 4/12	66·7	„	110·9	„
Total,	330	12 4/12	55·1	54·9	75·1	76·7	99	16 4/12	65·2	64·3	120·8	119·0
	County Standards.		54·9 inches.		73·7 lbs.		County Standards.		64·0 inches.		118·8 lbs.	

GIRLS.

School Management Area.	Entrants. Number Examined.	Entrants. Average Age.	Entrants. Height.	Entrants. Height. Anthropometric Standard.	Entrants. Weight.	Entrants. Weight. Anthropometric Standard.	Age 8. Number Examined.	Age 8. Average Age.	Age 8. Height.	Age 8. Height. Anthropometric Standard.	Age 8. Weight.	Age 8. Weight. Anthropometric Standard.
Cumbernauld,	61	5 8/12	41·1	40·8	38·4	39·6	34	8 8/12	48·1	46·6	52·6	52·1
Kirkintilloch,	217	5 11/12	41·7	„	40·1	„	102	8 11/12	47·8	„	52·2	„
New Kilpatrick,	61	5 9/12	42·2	„	41·5	„	31	8 9/12	48·3	„	55·0	„
Old Kilpatrick,	611	5 8/12	41·6	„	37·7	„	397	8 9/12	48·0	„	51·8	„
Dumbarton,	244	6	42·2	„	39·3	„	182	8 7/12	47·4	„	50·5	„
Vale of Leven,	245	6	42·4	„	39·9	„	175	8 10/12	47·8	„	51·1	„
Helensburgh,	98	5 11/12	42·6	„	40·7	„	64	8 7/12	48·5	„	52·8	„
Total,	1537	5 10/12	41·9	40·8	39·6	39·6	985	8 8/12	48·0	46·6	52·3	52·1
	County Standards.		41·3 inches.		39·3 lbs.		County Standards.		48·2 inches.		51·9 lbs.	

School Management Area.	Age 12. Number Examined.	Age 12. Average Age.	Age 12. Height.	Age 12. Height. Anthropometric Standard.	Age 12. Weight.	Age 12. Weight. Anthropometric Standard.	Age 16. Number Examined.	Age 16. Average Age.	Age 16. Height.	Age 16. Height. Anthropometric Standard.	Age 16. Weight.	Age 16. Weight. Anthropometric Standard.
Cumbernauld,	54	12 3/12	54·6	55·7	73·5	76·4	..	..	..	61·7	..	113·1
Kirkintilloch,	179	12 1/12	55·7	„	77·6	„	18	16 6/12	61·2	„	117·2	„
New Kilpatrick,	72	12 4/12	57·9	„	84·5	„	9	16 4/12	62·2	„	113·6	„
Old Kilpatrick,	474	12 5/12	55·4	„	75·2	„	15	16 3/12	62·7	„	109·7	„
Dumbarton,	232	12 6/12	55·2	„	72·4	„	36	16 3/12	62·0	„	112·1	„
Vale of Leven,	184	12 3/12	55·7	„	73·4	„	5	16 1/12	63·1	„	110·6	„
Helensburgh,	83	12 5/12	56·6	„	78·6	„	10	16 1/12	62·7	„	116·5	„
Total,	1278	12 4/12	55·9	55·7	76·4	76·4	93	16 3/12	62·3	61·7	113·3	113·1
	County Standards.		55·1 inches.		73·4 lbs.		County Standards.		62·2 inches.		111·4 lbs.	

*It has been felt that the Anthropometric Standard is not satisfactory because it is based on an insufficient number of observations. A County of Dumbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.

The following table shows the number of observations on which the County Standard is based :—

	Entrants. Boys.	Entrants. Girls.	8 Years of Age. Boys.	8 Years of Age. Girls.	12 Years of Age. Boys.	12 Years of Age. Girls.	16 years of Age. Boys.	16 years of Age. Girls.
Number Examined,	13,001	12,420	9,146	9,014	14,013	14,064	510	531
Average Age, ...	5 1/12	5 1/12	8 8/12	8 8/12	12 6/12	12 5/12	16 4/12	16 3/12

7.—G. Cleanliness of Head and Body.

(a) *Verminous Conditions.*

SCHOOL MANAGEMENT AREA.		No. of Routine Cases examined.	ROUTINE CASES.								NON-ROUTINE CASES.			
			HEAD.				CLOTHING.				HEAD.		CLOTHING.	
			Nits.		Vermin.		Nits.		Vermin.		Nits.	Vermin.	Nits.	Vermin.
			No.	%	No.	%	No.	%	No.	%				
Cumbernauld,	Boys,	149	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	149	20	13·4	1	0·7	1	0·7	1	0.7	..	..	..	..
	Total,	298	20	6·7	1	0·3	1	0·3	1	0·3	2	1	2	2
Kirkintilloch,	Boys,	531	2	0·4	..	..	..	..	4	0·7	..	..	..	..
	Girls,	516	74	14·4	12	2·3	2	0·4	3	0·6	..	..	..	..
	Total,	1047	76	7·3	12	1·1	2	0·2	7	0·7	1	..	..	..
New Kilpatrick,	Boys,	169	2	1·2	2	1·2	..	..	1	0·6	..	..	..	..
	Girls,	173	18	10·4	1	0·6	1	0·6	..	..	..	..	..	..
	Total,	342	20	5·8	3	0·9	1	0·3	1	0.3	..	..	..	..
Old Kilpatrick,	Boys,	1480	14	0·9	1	0·1	4	0·3	16	1·2	..	..	..	..
	Girls,	1497	256	17·1	10	0·7	4	0·3	6	0·4	..	..	..	..
	Total,	2977	270	9·0	11	0·4	8	0·3	22	0·8	8	10	4	6
Dumbarton,	Boys,	767	17	2·2	1	0·1	1	0·1	20	2·6	..	..	..	..
	Girls,	694	220	31·7	7	1·0	1	0·1	11	1·6	..	..	..	..
	Total,	1461	237	16·2	8	0·5	2	0·1	31	2·1	2	1	1	1
Vale of Leven,	Boys,	615	25	4·1	1	0·2	..	..	14	2·3	..	..	..	..
	Girls,	609	185	30·4	5	0·8	2	0·3	11	1·8	..	..	..	..
	Total,	1224	210	16·3	6	0·5	2	0·2	25	2·0	3	2	..	..
Helensburgh,	Boys,	288	5	1·7	1	0·3	1	0·3	3	1·0	..	..	..	..
	Girls,	255	45	17·6	2	0·8	..	..	2	0·8	..	..	..	..
	Total,	543	50	9·2	3	0·5	1	0·2	5	0·9	2	..	..	..
Total,	Boys,	3599	65	1·6	6	0·1	6	0·1	58	1·4	..	..	..	..
	Girls,	3893	818	21·0	38	1·0	11	0·3	34	0·9	..	..	..	..
	Total,	7892	883	11·2	44	0·5	17	0·2	92	1·1	18	14	7	9

7.—G. Cleanliness of Head and Body.

(b) *Cleanliness.*

SCHOOL MANAGEMENT AREA.		No. of Routine Cases examined.	ROUTINE CASES.												NON-ROUTINE.	
			HEAD.						BODY.						HEAD.	BODY.
			Good.		Medium.		Bad.		Good.		Medium.		Bad.		Bad.	Bad.
			No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Cumbernauld,	Boys,	149	148	99·3	1	0·7	..	..	144	96·6	4	2·7	1	0·7	..	..
	Girls,	149	139	93·3	10	6·7	..	..	144	96·7	5	3·3	..	..	..	..
	Total,	298	287	96·3	11	3·7	..	..	288	96·7	9	3·0	1	0·3	..	..
Kirkintilloch,	Boys,	531	519	97·8	12	2·2	..	..	502	94·6	29	5·4	..	..	..	..
	Girls,	516	479	92·8	37	7·2	..	..	495	96·0	20	3·8	1	0·2	..	..
	Total,	1047	998	95·3	49	4·7	..	..	997	95·4	49	4·5	1	0·1	1	1
New Kilpatrick,	Boys,	169	166	98·2	3	1·8	..	..	165	97·6	4	2·4	..	..	..	..
	Girls,	173	166	96·0	7	4·0	..	..	169	97·7	4	2·3	..	..	..	..
	Total,	342	332	97·1	10	2·9	..	..	334	97·7	8	2·3	..	..	..	..
Old Kilpatrick,	Boys,	1480	1431	97·7	49	2·3	..	..	1396	94·4	84	5.6	..	..	..	..
	Girls,	1497	1416	94·6	80	5·3	1	0·1	1441	96·3	56	3·7	..	..	..	..
	Total,	2977	2847	96·1	129	3·8	1	0·1	2837	95·4	140	4·6	..	..	3	2
Dumbarton,	Boys,	767	744	97·1	22	2·8	1	0·1	732	95·5	32	4·1	3	0·4	..	..
	Girls,	694	660	95·1	32	4·6	2	0·3	655	94·4	35	5·0	4	0·6	..	..
	Total,	1461	1404	96·1	54	3·7	3	0·2	1387	94·9	67	4·6	7	0·5	..	..
Vale of Leven,	Boys,	615	587	95·5	28	4·5	..	..	585	95·2	30	4·8	..	..	..	..
	Girls,	609	568	93·4	39	6·3	2	0·3	568	93·3	41	6·7	..	..	..	..
	Total,	1224	1155	94·5	67	5·4	2	0·1	1153	94·3	71	5·7	..	..	2	2
Helensburgh,	Boys,	288	285	99·0	3	1·0	..	..	286	99·3	2	0·7	..	..	..	..
	Girls,	255	250	98·1	5	1·9	..	..	251	98·5	4	1·5	..	..	..	..
	Total,	543	535	98·6	8	1·4	..	..	537	98·9	6	1·1	..	..	..	..
Total,	Boys,	3999	3880	97·0	118	2·9	1	0·1	3810	95·3	185	4·6	3	0·1	..	..
	Girls,	3893	3678	94·5	210	5·4	5	0·1	3723	96·0	165	3·9	5	0·1	..	..
	Total,	7892	7558	95·8	328	4·1	6	0·1	7533	95·7	350	4·2	8	0·1	6	5

The following table shows at a glance a summary of the previous table (7.—G (a)), *i.e.*, children in each area showing evidence of verminous condition of the head or body or both.

School Management Area.	Number of Routine Cases Examined.	Number showing evidence of Vermin.	Percentage.
Cumbernauld, ...	298	23	7·7
Kirkintilloch, ...	1047	97	9.2
New Kilpatrick, ...	342	25	7.3
Old Kilpatrick, ...	2977	311	10.4
Dumbarton, ...	1461	278	19.0
Vale of Leven, ...	1224	243	19·8
Helensburgh, ...	543	59	10·8
Total, ...	7892	1036	13·1

7.—I. Nutrition.

School Management Area.		Number of Routine Cases Examined.	Routine Cases. Above Average. No.	Above Average. %	Average. No.	Average. %	Below Average. No.	Below Average. %	Very Bad. No.	Very Bad. %	Non-Routine Cases. Below Average.	Non-Routine Cases. Very Bad.
Cumbernauld,	Boys,	149	5	3·3	136	91·3	8	5·4	..	..	..	..
	Girls,	149	4	2·7	132	88·6	13	8·7	..	..	..	..
	Total,	298	9	3·0	268	90·0	21	7·0	..	..	..	..
Kirkintilloch,	Boys,	531	21	3·9	488	92·0	21	3·9	1	0·2	..	..
	Girls,	516	32	6·2	452	87·6	28	5·4	4	0.8	..	..
	Total,	1047	53	5·1	940	89·8	49	4·6	5	0·5	..	..
New Kilpatrick,	Boys,	169	11	6·6	155	91·6	3	1·8	..	..	..	..
	Girls,	173	21	12·1	148	85·6	4	2·3	..	..	..	..
	Total,	342	32	9·3	303	88·7	7	2·0	..	..	..	..
Old Kilpatrick,	Boys,	1480	61	4·1	1325	89·5	87	5·9	7	0·5	..	..
	Girls,	1497	72	4·7	1283	85·9	128	8·5	14	0·9	..	..
	Total,	2977	133	4·4	2608	87·7	215	7·2	21	0·7	8	..
Dumbarton,	Boys,	767	58	6·6	567	74·9	129	16·8	13	1·7	..	..
	Girls,	694	29	4·2	564	81·4	93	13·3	8	1·1	..	..
	Total,	1461	87	5·4	1131	78·2	222	15·0	21	1·4	6	..
Vale of Leven,	Boys,	615	40	6·5	488	79·4	82	13·3	5	0·8	..	..
	Girls,	609	27	4·4	504	82·8	71	11·7	7	1·1	..	..
	Total,	1224	67	5·4	992	81·2	153	12.5	12	0·9	6	..
Helensburgh,	Boys,	288	19	6·6	241	83·7	28	9·7	..	..	..	..
	Girls,	255	20	7·8	212	83·2	21	8·2	2	0·8	..	..
	Total,	543	39	7·2	453	83·5	49	8·9	2	0·4	1	..
Total,	Boys,	3999	215	5.4	3400	85·0	358	9·0	26	0·6	..	..
	Girls,	3893	205	5·2	3295	84·6	358	9·3	35	0·9	..	..
	Total,	7892	420	5·3	6695	84·8	716	9·1	61	0·8	21	..

7.—H. Condition of Skin.

School Management Area.	Number of Routine Cases Examined.	Eczema.						Ringworm.						Impetigo.						Sores.						Scabies.			Alopecia.			Psoriasis.			Others.						Total.					
		Routine.				Non-Routine.		Routine.				Non-Routine.		Routine.				Non-Routine.		Routine.				Non-Routine.		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.				Non-Routine.		Routine.				Non-Routine.	
		Head.		Body.				Head.		Body.				Head.		Body.				Head.		Body.				Body.			Head.			Body.			Head.		Body.				Head.		Body.			
		No.	%	No.	%	Head.	Body.	No.	%	No.	%	Head.	Body	No.	%	No.	%	Head.	Body.	No.	%	No.	%	Head.	Body.	No.	%	Body.	No.	%	Head.	No.	%	Body.	No.	%	No.	%	Head.	Body.	No.	%	No.	%	Head.	Body.
Cumbernauld,	298	..	..	..	..	..	..	1	0·3	..	..	..	..	4	1·3	4	1·3	..	..	..	..	..	..	..	..	..	..	..	1	0·3	..	..	..	..	..	..	..	..	..	0	2·0	4	1·3	..	..
Kirkintilloch,	1047	..	..	..	..	..	2	2	0·2	1	0·1	..	..	8	0·7	4	0·3	4	5	..	..	1	0·1	1	3	1	0·1	5	1	0·1	1	..	..	2	..	..	2	0·2	..	4	11	1·0	0	0·8	0	21
New Kilpatrick	342	..	..	..	..	..	..	1	0·2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	0·2	..	..	3	2
Old Kilpatrick,	2977	..	..	1	0·03	..	7	5	0·1	5	0·1	10	8	18	0·6	6	0·2	43	3	1	0·03	..	..	30	20	7	0·2	10	5	0·1	7	4	0·1	4	..	..	1	0·03	..	17	29	0·9	24	0·8	90	69
Dumbarton,	1461	..	..	..	..	..	5	1	0·06	1	0·06	18	3	6	0·4	1	0·00	48	1	..	..	3	0·2	30	11	..	..	12	1	0·06	6	3	0·2	2	..	..	3	0·2	..	15	8	0·5	11	0·7	102	49
Vale of Leven,	1224	..	..	2	0.1	..	3	1	0·08	1	0·08	7	1	2	0·1	2	0·1	30	1	..	..	4	0·3	10	6	3	0·2	23	2	0·1	5	4	0·3	2	..	..	2	0·1	..	0	5	0·4	18	1·4	58	45
Helensburgh,	543	..	..	1	0·1	..	..	1	0·1	..	..	4	4	1	0·1	..	..	2	..	..	..	1	0·1	10	..	1	0·1	4	..	..	2	1	0·1	1	..	..	3	0·5	..	2	2	0·3	7	1·2	18	11
Total,	7892	..	..	4	0·05	..	17	12	0·1	8	0·1	39	16	39	0·4	17	0·2	135	10	1	0·01	9	0·1	88	40	12	0·1	54	10	0·1	21	12	0·1	12	..	..	11	0·1	..	48	62	0·9	73	0·9	283	197

7.—K. Nose, Throat, and Lymphatic Glands.

(a) Nose.

School Management Area.	Number of Routine Cases Examined.	Catarrh.			Obstruction.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	1	0·3	..	..	..	..	..	..	1	1	0·3	1
Kirkintilloch, ...	1047	5	0·4	3	..	..	4	2	0·2	1	7	0·6	8
New Kilpatrick, ...	342	1	0·2	..	..	..	..	..	..	..	1	0·2	..
Old Kilpatrick, ...	2977	19	0 6	1	35	1·1	10	5	0·1	7	59	1·9	18
Dumbarton, ...	1461	12	0·8	1	78	5·2	5	..	..	7	90	6·1	13
Vale of Leven, ...	1224	9	0·7	2	66	5·3	6	1	0·08	..	76	6·2	8
Helensburgh, ...	543	3	0·5	1	32	5·8	1	1	0·1	8	36	6·6	10
Total, ...	7892	50	0·6	8	211	2·6	26	9	0·1	24	270	3·4	58

7.—K. Nose, Throat, and Lymphatic Glands—*continued.*

(b) 1. Tonsils.

School Management Area.	Number of Routine Cases Examined.	Enlarged.			Much Enlarged.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	22	7·3	2	..	..	4	13	4·3	..
Kirkintilloch, ...	1047	81	7·6	13	1	0·1	14	40	3·8	..
New Kilpatrick, ...	342	23	6·8	3	..	..	3	9	2·6	..
Old Kilpatrick, ...	2977	262	8·7	43	48	1·6	13	157	5·2	20
Dumbarton, ...	1461	234	16·0	42	106	7·2	4	112	7·6	1
Vale of Leven, ...	1224	187	15·2	42	126	10·2	17	146	11·9	1
Helensburgh, ...	543	90	16·5	11	52	9·5	11	48	8·8	47
Total, ...	7892	899	11·3	156	333	4·2	66	525	6·6	69

7.—K. Nose, Throat, and Lymphatic Glands—*continued.*

(b) 2. ADENOIDS.

School Management Area.	Number of Routine Cases Examined.	Present.			Suspected.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	3	1·0	4	3	1·0	..	6	2·0	..
Kirkintilloch, ...	1047	16	1·5	6	17	1·6	4	19	1·8	2
New Kilpatrick, ...	342	2	0·5	5	4	1·1	..	7	2·0	..
Old Kilpatrick, ...	2977	23	0·7	14	71	2·3	9	131	4·4	3
Dumbarton, ...	1461	3	0·2	11	90	6·1	2	133	9·0	1
Vale of Leven, ...	1224	2	0·1	12	75	6·1	3	124	10·1	1
Helensburgh, ...	543	1	0·1	4	33	6·1	..	45	8·2	2
Total, ...	7892	50	0·6	56	293	3·7	18	465	5·9	9

7.—K. Nose, Throat, and Lymphatic Glands—*continued.*

(c) Lymphatic Glands—Submaxillary and Cervical.

School Management Area.	No. of Routine Cases Examined.	Palpably Enlarged.						Markedly Enlarged.						Suppurating.						Cicatrices					
		Submaxillary.			Cervical.			Submaxillary.			Cervical.			Submaxillary.			Cervical.			Submaxillary.			Cervical.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine		Non-Routine.	Routine		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	298	4	1·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0·3	..	..	..	..
Kirkintilloch, ...	1047	12	1·1	2	1	0·09	..	..	..	6	..	..	..	..	..	..	..	..	..	11	1·0	..	1		..
New Kilpatrick, ..	342	4	1·1	..	1	0.2	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0·8	..	1	0·2	..
Old Kilpatrick, ..	2977	41	1·3	20	12	0·4	..	..	..	9	..	..	..	..	..	..	..	..	..	30	1·0	..	6	0·2	..
Dumbarton, ...	1461	47	3·2	14	5	0·3	..	1	0·06	2	..	..	..	..	..	..	..	..	..	19	1·2	..	5	0·3	..
Vale of Leven, ...	1224	53	4·3	29	1	0·08	..	1	0·08	2	..	..	..	1	0·08	..	..	..	..	20	1·6	..	5	0·4	..
Helensburgh, ...	543	18	3·3	2	1	0·1	..	..	..	8	..	..	..	..	..	..	..	..	..	3	0·5	..	..	..	..
Total, ...	7892	179	2·2	67	21	0·2	..	2	0·02	27	..	..	..	1	0·01	..	..	..	..	87	1·0	..	18	0·2	..

7.—L. External Eye Diseases.

School Management Area.		No. of Routine Cases Examined.	Strabismus.			Blepharitis.			Conjunctivitis.			Corneal Opacities.			Other Diseases		
			Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non Routine	Routine.		Non-Routine.	Routine.		Non-Routine.
			No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	Boys,	149	3	0·6	..	2	0·4	..	..	..	..	..	..	..	1	0·2	..
	Girls,	149	3	0·6	..	5	1·0	..	..	..	..	1	0·2	..	..	..	..
	Total,	298	6	0·6	..	7	0·7	..	..	..	..	1	0·1	..	1	0·1	..
Kirkintilloch,	Boys,	531	8	1·5	..	6	1·1	..	1	0·2	..	..	..	..	2	0·4	..
	Girls,	516	17	3·2	..	5	0·9	..	..	..	..	..	..	..	1	0·2	..
	Total,	1047	25	2·3	8	11	1·0	9	1	0·1	4	..	..	7	3	0·3	4
New Kilpatrick,	Boys,	169	2	1·2	..	1	0·6	..	..	..	..	2	1·2	..	..	..	..
	Girls,	173	4	2·3	..	1	0·6	..	..	..	..	..	..	..	3	1·7	..
	Total,	342	6	1·7	1	2	0·6	..	..	..	..	2	0·6	..	3	0·9	..
Old Kilpatrick,	Boys,	1480	42	2·8	..	10	0·7	..	2	0·1	..	4	0·3	..	6	0·4	..
	Girls,	1497	54	3·6	..	21	1·3	..	5	0·3	..	3	0·2	..	5	0·3	..
	Total,	2977	96	3·2	20	31	1·0	16	7	0·2	8	7	0·2	6	11	0·3	2
Dumbarton,	Boys,	767	20	2·6	..	5	0·6	..	2	0·3	..	6	0·8	..	3	0·4	..
	Girls,	694	22	3·1	..	8	1·1	..	..	..	..	3	0·4	..	1	0·1	..
	Total,	1461	42	2·8	11	13	0·9	11	2	0·1	9	9	0·6	12	4	0·3	6
Vale of Leven,	Boys,	615	19	3·1	..	6	1·0	..	1	0·2	..	2	0·3	..	2	0·3	..
	Girls,	609	15	2·5	..	8	1·3	..	..	..	..	9	1·5	..	1	0·2	..
	Total,	1224	34	2·8	11	14	1·1	4	1	0·1	10	11	0·9	10	3	0·2	3
Helensburgh,	Boys,	288	8	2·8	..	..	..	..	2	0·7	..	..	..	..	1	0.3	..
	Girls,	255	8	3·1	..	5	1·9	..	..	..	..	1	0·4	..	1	0·4	..
	Total,	543	16	2·9	1	5	0·9	1	2	0·4	2	1	0·2	3	2	0·4	2
Total,	Boys,	3999	102	2·5	..	30	0·7	..	8	0·2	..	14	0·3	..	15	0·3	..
	Girls,	3893	123	3·1	..	53	1·4	..	5	0·1	..	17	0·4	..	12	0·3	..
	Total,	7892	225	2·8	52	83	1·0	41	13	0·1	33	31	0·4	38	27	0·3	17

7.—M. Visual Acuity (Snellen's Test at 6 Metres).

Vision shown is "Working Vision," *i.e.*, vision of better eye. Good Vision = $\frac{6}{6}$ Fair Vision = $\frac{6}{9}$-$\frac{6}{12}$ Bad Vision = $\frac{6}{18}$ or worse.

School Management Area.		Routine Cases. Age 8. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Age 12. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %
Cumbernauld,	Boys,	53	46	86·8	4	7·5	1	1·9	2	3·8	37	32	86·5	2	5·4	1	2·7	2	5·4
	Girls,	34	29	85·3	2	5·9	1	2·0	2	5·9	54	45	83·3	2	3·7	2	3·7	5	9·3
	Total,	87	75	86·1	6	6·7	2	2·4	4	4·8	91	77	84·9	4	4·0	3	3·2	7	7·3
Kirkintilloch,	Boys,	110	96	87·3	6	5·4	7	6·4	1	0·9	181	150	82·9	10	5·5	13	7·2	8	4·4
	Girls,	102	74	72·6	18	17·6	7	6·9	3	2·9	170	154	86·0	6	3·4	13	7·2	0	3·4
	Total,	212	170	80·0	24	11·5	14	6·6	4	1·9	300	304	84·5	10	4·4	26	7·2	14	3·9
New Kilpatrick,	Boys,	38	32	84·2	4	10·6	1	2·6	1	2·0	54	50	92·6	..	..	2	3·7	2	3·7
	Girls,	31	24	77·4	3	9·7	1	3·2	3	9·7	72	64	88·9	4	5·5	2	2·8	2	2·8
	Total,	69	56	80·8	7	10·2	2	2·9	4	6·1	120	114	90·8	4	2·8	4	3·2	4	3·2
Old Kilpatrick,	Boys,	405	324	80·0	52	12·8	21	5·2	8	2·0	480	395	82·4	40	8·3	19	3·9	20	5·4
	Girls,	397	306	77·1	56	14·1	17	4·3	18	4·5	474	369	78·0	45	9·4	41	8·0	19	4·0
	Total,	802	630	78·6	108	13·5	38	4·7	26	3·2	954	764	80·2	85	8·9	00	6·2	45	4·7
Dumbarton,	Boys,	192	161	83·9	21	10·9	7	3·6	3	1·6	290	242	83·3	25	8·9	16	5·5	7	2·3
	Girls,	182	143	78·6	29	15·9	10	5·5	..	..	232	185	79·8	26	11·2	11	4·7	10	4·3
	Total,	374	304	81·3	50	13·4	17	4·6	3	0·8	522	427	81·6	51	10·0	27	5·1	17	3·3
Vale of Leven,	Boys,	179	161	89·0	8	4·5	5	2·8	5	2·8	182	156	85·7	12	0·0	10	5·5	4	2·2
	Girls,	175	146	83·4	11	6·3	13	7·4	5	2·9	184	150	81·6	20	10·9	8	4·3	6	3·2
	Total,	354	307	80·7	19	5·4	18	5·1	10	2·8	366	306	83·7	32	8·7	18	4·9	10	2·7
Helensburgh,	Boys,	72	62	86·1	7	0·7	2	2·8	1	1·4	106	100	94·3	4	3·8	2	1·9	..	..
	Girls,	64	49	76·0	9	14·0	6	9·4	..	..	83	75	90·4	5	6·0	3	3·6	..	..
	Total,	130	111	81·4	16	11·8	8	6·1	1	0·7	189	175	92·4	9	4·0	5	2·7	..	..
Total,	Boys,	1049	882	84·1	102	9·7	44	4·2	21	2·0	1330	1125	84·6	93	7·0	63	4·7	49	3·7
	Girls,	985	771	78·4	123	13·0	55	5·5	31	3·1	1278	1042	81·0	108	8·4	80	6·3	48	3·7
	Total,	2034	1653	81·3	230	11·4	99	4·8	52	2·5	2608	2167	83·1	201	7·7	143	5·5	97	3·7

School Management Area.		Age 16. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Total. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Non-Routine. Bad.	Non-Routine. Bad in One Eye only.
Cumbernauld,	Boys,	..	..	..	..	..	..	..	..	..	90	78	86·7	6	6·7	2	2·2	4	4·4	..	..
	Girls,	..	..	..	..	..	..	..	..	..	88	74	84·1	4	4·5	3	3·4	7	8·0	..	..
	Total,	..	..	..	..	..	..	..	..	..	178	152	85·4	10	5·6	5	2·8	11	6·2	1	1
Kirkintilloch,	Boys,	9	8	88·9	..	..	..	..	1	11·1	300	254	84·7	16	5·3	20	0·7	10	3·3	..	..
	Girls,	18	12	66·7	2	11·1	4	22·2	..	..	299	240	80·3	20	8·7	24	8·0	9	3·0	..	..
	Total,	27	20	74·1	2	7·4	4	14·8	1	3·7	599	494	82·5	42	7·0	44	7·4	19	3·1	15	3
New Kilpatrick,	Boys,	7	7	100.0	..	..	..	..	..	..	90	89	89·9	4	4·1	3	3·0	3	3·0	..	..
	Girls,	9	8	88·9	..	..	1	11·1	..	..	112	96	85·8	7	6·2	4	3·5	5	4·5	..	..
	Total,	16	15	93·8	..	..	1	6·2	..	..	211	185	87·9	11	5·2	7	3·2	8	3·7	4	1
Old Kilpatrick,	Boys,	18	11	61·1	2	11·1	5	27·8	..	..	903	730	80·0	94	10·4	45	5·0	34	3·7	..	..
	Girls,	15	11	73·4	..	..	3	20·0	1	6·6	886	686	77·4	101	11·4	61	6·9	38	4·3	..	..
	Total,	33	22	66·6	2	6·0	8	24·2	1	3·2	1789	1416	79·2	195	10·9	106	5·9	72	4·0	46	2
Dumbarton,	Boys,	50	41	88·0	3	6·0	2	4·0	1	2·0	532	447	84·0	49	9·2	25	4·7	11	2·1	..	..
	Girls,	30	30	83·3	2	5·6	3	8·3	1	2·8	450	358	79·5	57	12·7	24	5·3	11	2·5	..	..
	Total,	86	74	86·0	5	5·8	5	5·8	2	2·4	982	805	81·7	106	11·0	49	5·0	22	2·3	37	1
Vale of Leven,	Boys,	8	7	87·5	..	..	1	12·5	..	..	369	324	87·9	20	5·4	16	4·3	9	2·4	..	..
	Girls,	6	3	60·0	..	..	1	20·0	1	20·0	364	299	82·2	31	8·5	22	6·0	12	3·3	..	..
	Total,	13	10	76·9	..	..	2	15·4	1	7·7	733	623	85·1	51	7·0	38	5·1	21	2·8	17	..
Helensburgh,	Boys,	7	6	85·7	1	14·3	..	..	..	..	185	168	90·9	12	6·5	4	2·1	1	0·5	..	..
	Girls,	10	8	80·0	..	..	2	20·0	..	..	157	132	84·1	14	8·9	11	7·0	..	..	..	..
	Total,	17	14	82·3	1	5·9	2	11·8	..	..	342	300	87·5	26	7·7	15	4·0	1	0·2	11	1
Total,	Boys,	99	83	83·8	6	6·1	8	8·1	2	2·0	2478	2090	84·4	201	8·1	115	4·6	72	2·9	..	..
	Girls,	93	72	77·4	4	4·3	14	15·1	3	3·2	2356	1885	80·0	240	10·2	149	6·3	82	3·5	..	..
	Total,	192	155	80·8	10	5·2	22	11·4	5	2·6	4834	3975	82·2	441	9·2	264	5·4	154	3·2	131	9

7.—N. Ear Disease.

School Management Area.	Number of Routine Cases Examined.	Otorrhœa.			Wax.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	298	3	1·0	..	..	..	..	..	..	..	3	1·0	..
Kirkintilloch, ...	1047	13	1·1	9	2	0·2	4	..	..	..	15	1·4	13
New Kilpatrick, ...	342	7	2·0	2	..	..	1	..	..	..	7	2·0	3
Old Kilpatrick,..	2977	40	1·3	23	6	0·2	6	..	..	..	46	1·5	29
Dumbarton, ...	1461	14	0·9	15	..	..	..	..	..	..	14	0·9	15
Vale of Leven, ...	1224	28	2·3	12	2	0·1	..	..	..	..	30	2·4	12
Helensburgh, ...	543	10	1·8	8	...	..	..	..	..	..	10	1·8	8
Total, ...	7892	115	1·3	69	10	0·1	11	..	..	..	125	1·5	80

Wax is noted only when sufficient to interfere with hearing.

7.—O. Hearing.

School Management Area.	Number of Routine Cases Examined.	Slightly Deaf.			Very Deaf.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	6	2·0	..	..	..	3	6	2·0	3
Kirkintilloch, ...	1047	16	1·5	5	1	0·09	4	17	1·6	9
New Kilpatrick, ...	342	2	0·5	..	..	..	..	2	0·5	..
Old Kilpatrick, ...	2977	41	1·3	14	2	0·06	5	43	1·4	19
Dumbarton, ...	1461	39	2·6	9	2	0·1	2	41	2·7	11
Vale of Leven, ...	1224	32	2·6	8	1	0·08	1	33	2·9	9
Helensburgh, ...	543	11	1·9	1	1	0·1	2	12	2·2	3
Total, ...	7892	147	1·8	37	7	0·08	17	154	1·9	54

7.—P. Speech.

School Management Area.	Number of Routine Cases Examined.	Defective Articulation.			Stammering.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	1	0·3	1	2	0.6	..	3	1·0	1
Kirkintilloch, ...	1047	1	0·1	..	3	0·2	..	4	0·3	..
New Kilpatrick, ...	342	2	0·5	..	1	0·2	..	3	0.8	..
Old Kilpatrick, ...	2977	14	0·4	4	11	0·3	2	25	0·8	6
Dumbarton, ...	1461	5	0·3	5	6	0·4	..	11	0·7	5
Vale of Leven, ...	1224	9	0·7	2	6	0·4	1	15	1·2	3
Helensburgh, ...	543	4	0·7	..	3	0·5	..	7	1·2	..
Total, ...	7892	36	0·4	12	32	0·4	3	68	0·8	15

7.—Q. Mental Condition.

School Management Area.	Number of Routine Cases Examined.	Dull or Backward.			Mentally Deficient.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	2	0·6	..	2	0·6	3	4	1·3	3
Kirkintilloch, ...	1047	8	0·7	1	1	0·09	..	9	0·8	1
New Kilpatrick, ...	342	1	0·3	3	1	0·3	1	2	0·5	4
Old Kilpatrick, ...	2977	19	0·6	4	6	0·2	3	25	0·8	7
Dumbarton, ...	1461	2	0·1	2	2	0·1	3	4	0·2	5
Vale of Leven, ...	1224	1	0·08	2	4	0·3	3	5	0·4	5
Helensburgh, ...	543	2	0·3	1	2	0·3	..	4	0·7	1
Total, ...	7892	35	0·4	13	18	0·2	13	53	0·6	26

Miss Paterson examined 76 children, 55 of whom were found to be mentally defective but educable; 7 were suitable for institutions; 10 were border line cases, while 4 although mentally defective were over 13 years of age.

7.—R. Heart and Circulation.

School Management Area.	Number of Routine Cases Examined.	Organic Disease.						Functional Disease.			Total.		
		Congenital.			Acquired.								
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	..	..	..	1	0·3	..	..	..	..	1	0·3	..
Kirkintilloch, ...	1047	2	0·2	..	1	0·1	..	..	..	..	3	0·3	..
New Kilpatrick, ...	342	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ...	2977	4	0·1	..	11	0·3	1	3	0·1	1	18	0·6	2
Dumbarton, ...	1461	3	0·2	..	13	0·8	2	6	0·4	1	22	1·4	3
Vale of Leven, ...	1224	4	0·3	..	15	1·2	1	4	0·3	2	23	1·8	3
Helensburgh, ...	543	3	0·5	..	4	0·7	..	1	0·1	..	8	1·4	..
Total, ...	7892	16	0·2	..	45	0·5	4	14	0·1	4	75	0·9	8

7.—S. Lungs.

School Management Area.	Number of Routine Cases Examined.	Bronchial Catarrh.			Bronchitis.			Tuberculosis.			Tuberculosis Suspected.			Asthma.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld,	298	2	0·6	..	2	0·6	..	..	..	..	..	..	..	..	..	..	4	1·3	..
Kirkintilloch,	1047	7	0·6	2	6	0·5	3	..	..	..	..	..	..	..	..	..	13	1·1	5
New Kilpatrick,	342	1	0·3	..	2	0·5	1	..	..	..	..	..	..	1	0·3	..	4	1·1	1
Old Kilpatrick,	2977	30	1·0	10	27	0·9	5	2	0·06	..	..	..	..	7	0·2	3	66	2·2	18
Dumbarton,	1461	21	1·4	..	1	0·06	3	1	0·06	4	..	..	2	3	0·2	4	26	1·7	13
Vale of Leven,	1224	14	1·1	9	1	0·08	6	3	0·2	..	..	..	..	2	0·1	..	20	1·6	15
Helensburgh,	543	5	0·9	4	1	0·1	4	..	..	..	..	..	..	2	0·3	2	8	1·4	10
Total, ..	7892	80	1·0	25	40	0·5	22	6	0·07	4	..	..	2	15	0·1	9	141	1·7	62

7.—T. Nervous System.

School Management Area.	Number of Routine Cases Examined.	Epilepsy.			Chorea.			Infantile Paralysis.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	298	..	..	..	..	..	..	1	0·3	..	1	0·3	..	2	0·6	..
Kirkintilloch, ...	1047	1	0·09	..	..	..	1	3	0·2	1	2	0·1	..	6	0·5	2
New Kilpatrick, ..	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ..	2977	5	0·1	4	..	..	4	9	0·3	..	3	0·1	..	17	0·5	8
Dumbarton, ...	1461	1	0.06	1	4	0·2	1	..	..	..	2	0·2	..	7	0·4	1
Vale of Leven, ...	1224	3	0·2	1	8	0·6	9	..	..	1	4	0·3	1	9	0·7	12
Helensburgh, ...	543	..	..	1	..	..	2	1	0·2	1	2	0·3	..	3	0·5	4
Total, ...	7892	10	0·1	7	12	0·1	17	14	0·1	3	14	0·1	1	44	0·5	27

7.—U. Tuberculosis (Non-Pulmonary).

School Management Area.	Routine Cases Examined.	Glands.			Bones.			Joints.			Abdominal.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	298	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2
Kirkintilloch,	1047	1	0·09	1	..	..	1	..	..	..	..	..	..	..	..	..	1	0·09	2
New Kilpatrick,	342	..	..	..	1	0·2	..	..	..	..	..	..	..	..	..	..	1	0·2	..
Old Kilpatrick,	2977	..	..	3	..	..	1	1	0·03	1	3	0·1	4	4	0·1	5	8	0·2	14
Dumbarton,	1461	..	..	2	1	0·6	..	..	..	2	2	0·1	6	3	0·2	9	6	0·4	19
Vale of Leven,	1224	2	0·1	..	..	..	..	..	..	2	3	0·2	2	..	..	2	5	0·4	6
Helensburgh,	543	..	..	..	1	0·1	..	..	..	1	..	..	1	..	..	1	1	0·1	3
Total, ..	7892	3	0·03	7	3	0·03	2	1	0·01	7	8	0·1	13	7	0·08	17	22	0·2	46

7.—V. Rickets.

School Management Area.	Number of Routine Cases Examined.	Slight.			Marked.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	3	1·0	..	1	0·3	..	4	1·3	..
Kirkintilloch, ...	1047	2	0·2	..	4	0·3	3	6	0·5	3
New Kilpatrick, ...	342	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ...	2977	16	0·5	..	8	0·2	15	24	0·7	15
Dumbarton, ...	1461	10	0·6	..	4	0·2	11	14	0·8	11
Vale of Leven, ...	1224	3	0·2	..	2	0·1	2	5	0·4	2
Helensburgh, ...	543	1	0·1	..	..	..	..	1	0·1	..
Total, ...	7892	35	0·4	..	19	0·2	31	54	0·6	31

7.—W. Deformities.

School Management Area.	Number of Routine Cases Examined.	Congenital.			Acquired (Non-Rachitic).			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	2	0.6	..	..	..	1	2	0·6	1
Kirkintilloch, ...	1047	3	0·2	2	3	0·2	4	6	0·5	6
New Kilpatrick, ...	342	2	0·5	..	2	0·5	..	4	1·1	..
Old Kilpatrick, ...	2977	3	0·1	5	5	0·1	8	8	0·2	13
Dumbarton, ...	1461	3	0·2	3	1	0·06	6	4	0·2	9
Vale of Leven, ...	1224	2	0·1	..	3	0·2	4	5	0·4	4
Helensburgh, ...	543	4	0·7	..	5	0·9	3	9	1·6	3
Total, ...	7802	19	0·2	10	19	0·2	26	38	0·4	36

7.—X. Infectious or Contagious Diseases.

School Management Area.	No. of Routine Cases Examined.	Whooping-Cough.			Chicken-pox.			Mumps.			Measles.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ..	298	..	..	..	..	..	..	1	0·3	..	..	..	..	1	0·3	..
Kirkintilloch, ..	1047	2	0·2	3	..	..	..	..	..	2	..	..	..	2	0·2	5
New Kilpatrick,	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ..	2977	..	..	5	6	0·2	4	..	..	2	..	..	..	6	0·2	11
Dumbarton, ..	1461	..	..	1	1	0·06	15	..	..	..	1	0·6	..	2	0·1	16
Vale of Leven, ..	1224	1	0·08	3	2	0·1	9	..	..	..	..	..	..	3	0·2	12
Helensburgh, ..	543	..	..	4	..	..	..	..	..	2	..	..	..	..	..	6
Total, ..	7892	3	0·03	16	9	0·1	28	1	0·01	6	1	0·01	..	14	0·2	50

7.—Y. Other Diseases and Defects.

School Management Area.	Number of Routine Cases Examined.	Hernia.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld, ...	298	..	..	..	..	..	2	..	..	2
Kirkintilloch, ...	1047	2	0·2	..	7	0·6	28	9	0·8	28
New Kilpatrick, ...	342	..	..	..	1	0·2	1	1	0·2	1
Old Kilpatrick, ...	2977	6	0·2	..	39	1·3	145	45	1·5	145
Dumbarton, ...	1461	4	0·2	..	25	1·7	126	29	1·9	126
Vale of Leven, ...	1224	3	0·2	..	33	2·6	247	36	2·8	247
Helensburgh, ...	543	..	..	..	9	1·6	114	9	1·6	114
Total, ...	7892	15	0·1	..	114	1·4	663	129	1·6	663

Previous Illnesses.

School Management Area.	No. of Routine Cases Examined.	Measles.		Whooping-Cough.		Chicken-pox.		Mumps.		Scarlet Fever.		Diphtheria.		Smallpox.		Rheumatism.		Fits.		Others.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	298	208	69·8	137	45·9	73	24·5	77	25·8	16	5·3	5	1·7	..	..	5	1·7	1	0·3	49	16·4
Kirkintilloch,	1047	798	76·2	549	52·4	223	21·3	298	28·4	60	5·7	66	6·3	..	..	9	0·8	3	0·2	151	14·4
New Kilpatrick,	342	235	68·7	182	53·2	83	24·2	65	19·0	19	5·5	9	2·6	..	..	1	0·3	1	0·3	53	15·5
Old Kilpatrick,	2977	2377	79·8	1728	58·0	979	32·9	700	23·5	202	6·8	64	2·1	4	0·1	39	1·3	31	1·0	590	19·8
Dumbarton,	1461	1177	80·5	951	65·0	557	38·1	402	27·5	126	8·6	29	1·9	..	..	17	1·1	6	0·4	295	20·1
Vale of Leven,	1224	958	78·2	790	64·5	389	31·7	416	33·9	135	11·0	40	3·2	..	..	28	2·2	4	0·3	264	21·5
Helensburgh,	543	395	72·7	317	58·3	176	32·4	126	23·2	44	8·0	19	3·5	..	..	10	1·8	3	0·5	111	20·4
Total,	7892	6148	77·9	4654	58·9	2480	31·4	2084	26·4	602	7·6	232	3·1	4	0·05	109	1·3	49	0·6	1513	19·1

Vaccination.

School Management Area.	Entrants.			Age 8.			Age 12.			Age 16.			Total.		
	Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.	
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.
Cumbernauld, ..	120	51	42·5	87	19	21·8	91	11	12·0	..	..	..	298	81	27·1
Kirkintilloch, ..	448	178	39·7	212	45	21·2	360	44	12·2	27	4	15·0	1047	271	25·8
New Kilpatrick,	131	33	25·2	69	11	15·9	126	9	7·1	16	..	..	342	53	15·5
Old Kilpatrick,	1188	572	48·1	802	314	39·1	954	284	29·7	33	6	18·1	2977	1176	39·5
Dumbarton, ..	479	318	66·4	374	249	66·5	522	267	51·1	86	22	25·5	1461	856	58·6
Vale of Leven, ..	491	291	59·2	354	205	57·9	366	208	56·8	13	4	30·7	1224	708	57·8
Helensburgh, ..	201	80	39·8	136	42	30·8	189	53	28·0	17	4	23·5	543	179	32·8
Total, ..	3058	1523	49·8*	2034	885	43·0*	2608	876	33·5*	192	40	20·8*	7892	3324	42·1*
	*Increase compared with last year = 13·8%			*Increase compared with last year = 7·6%			*Increase compared with last year = 8·5%			*Increase compared with last year = 10.4%			*Increase compared with last year = 10 6%		

8.—Special Schools and Classes.

Special Schools.—There are three Special Schools in the County—Waverley Park Kirkintilloch; Milton School, Bowling; and High Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there is one pupil from the county.

Milton Special School, which serves the Old Kilpatrick Area, has three classes for Mentally Defectives, with 58 on the roll; one class for Physically Defectives, with 15 on the roll; and one class for Deaf Mutes, with 7 on the roll—total 80.

High Street School, Dumbarton, which serves the Dumbarton and Vale of Leven Areas, has three classes for Mentally Defectives, with 53 on the roll; and two classes for Physically Defective children, with 30 on the roll—total 83.

Special Classes—(a) For Mentally Defective Children.—Lairdsland School, Kirkintilloch, with 6 on the roll; Bearsden Academy, Bearsden, with 6 on the roll; James Street School, Helensburgh, with 11 on the roll.

(b) For Conservation of Vision.—Whitecrook School, Clydebank, with 24 on roll; College Street School in Dumbarton, with 20 on the roll.

The following are the totals for the County:—

Mentally Defectives, ...	134
Physically Defectives, ...	45
Deaf Mutes, ...	7
Conservation of Vision, ...	44
Total, ...	230

Number of Physically Defective Children in Institutions, paid for by the Authority, ...	10
Number of Mentally Defective Children in Institutions, paid for by the Authority, ...	4
Blind persons in training, under Blind Persons' Act, 1920, in Royal Glasgow Asylum for the Blind, (cost of training borne by Education Authority, and maintenance by Local Authority), ...	11
Total, ...	25

Special Appliances Supplied to Pupils.—During the session the supply of the following special appliances was agreed to by the Authority:—

	Pupils.
Spinal Jackets, ...	2
Special Boots, ...	6
Splints, ...	6
Steels, ...	3
Leather for Special Boot, ...	1
Artificial Eye, ...	1
Tricycle, ...	1
Crutch, ...	1

9.—Arrangements for Physical Education and Personal Hygiene.

A. Physical Exercises. B. Baths. C. Practical Instruction in Hygiene.

There has been no change with regard to these. (See Reports 1914-15, p. 72; 1919-20, p. 41; 1920-21, p. 38.)

In Kirkintilloch the number of baths taken by School children from 20th June, 1926, to 19th June, 1927, was 2,505; 391 by girls and 2,114 by boys.

10.—Feeding of School Children.

Cumbernauld Area.—There were no meals supplied during the session.

Kirkintilloch Area—(a) Administration.—The School Management Committee arranged with the lessee of a local restaurant to prepare and serve the meals to children on her own premises. (b) Nature of Meals.—The meals consisted of cheese or meat paste sandwiches, with milk or cocoa. (c) Number and Cost of Meals.—The number of meals supplied was 1,147, at a cost of 3½d. each. This sum covered all outlays.

New Kilpatrick Area—(a) Administration.—Necessitous children were supplied at Garscadden School and Bearsden Academy with one meal per day. These cases were supplied after investigation by the Committee. (b) Nature of Meals. Soup with bread, and pudding. (c) Number and Cost of Meals.—Number 1047. Cost, 3½d. per meal. Of meals supplied 634 were paid by the Parish Council.

Old Kilpatrick, Dumbarton, and Vale of Leven Areas.—No meals were supplied.

Helensburgh Area—(a) Administration.—There was a Soup Kitchen in Clyde Street School for twenty-three weeks (4th October, 1926, till 18th March, 1927), the financial loss on

which was borne by a voluntary fund. The total cost was £53 15s. 10d. The children paid one penny per meal, and from this source there was an income of £20 11s. 10d., leaving a deficit of £33 4s. to be met from the voluntary fund. The meals consisted of soup, or mince and potatoes, the children bringing their own bread. The number of meals supplied was 6,105, a daily average of 53.

Supply of Clothing, etc., to Necessitous Children.

In October, 1926, the Health Committee agreed that all certificates as to the condition of children attending school, and reported to the School Management Committees as requiring food, boots or clothing must be countersigned by the School Medical Officers.

This entailed a very considerable amount of extra work, which interfered considerably with the routine medical inspections.

The numbers examined were as follows:—

Cumbernauld, ...	... 171	Dumbarton, ...	848
Kirkintilloch, ...	... 509	Vale of Leven, ...	788
New Kilpatrick, ...	... 45		
Old Kilpatrick, ...	... 994	Helensburgh, ...	7
	1719		1643

making a total for the County of 3362.

It will be noted that there is a discrepancy between the numbers shown here and those on pages 11 and 12.

This is partly due to the fact that children are very often specially dressed for the routine examinations, and partly because the absence of boots during the Summer months is not recorded. There is also the fact that children are sometimes kept off school during the Winter months because of bad boots, want of boots, or insufficient clothing, and thus may escape routine examination.

X-Ray Treatment of Ringworm.

During the year 24 children were treated for Ringworm of the Scalp by X-Rays at Whitecrook Clinic. In all these cases the treatment was successful. There were other 17 children suffering from Ringworm of the Scalp who were either successfully treated by local medication or whose parents refused permission for X-Ray treatment. There were 16 cases of Ringworm of the body.

Employment of Children.

Number of Licences applied for and granted under the Employment of Children Act, 1903 :—

	Granted.	Refused.	Total.
Cumbernauld, ...	4	1	5
Kirkintilloch, ...	17	8	25
New Kilpatrick, ...	34	...	34
Old Kilpatrick, ...	69	2	71
Dumbarton, ...	26	...	26
Vale of Leven, ...	34	2	36
Helensburgh, ...	45	...	45
Total, ...	229	13	242

11.—ARRANGEMENTS FOR MEDICAL TREATMENT.

Treatment of Minor Ailments.

District.	Nurse.	Number of Children dealt with.	Total Number of Attendances.	Number of Visits to Parents.	Number of Visits to Clinics or Schools.	Eye Cases.	Throat and Nose Cases.	Ear Cases.	Skin Cases.	Others.
Cumbernauld, Kirkintilloch,	C. Jeffrey,	762	3607	86	23	132	..	59	551	20
New Kilpatrick, Old Kilpatrick, (Landward)	E. Yule,	532	1546	131	101	102	6	97	304	23
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer)	S. Dougherty,	867	1691	44	70	104	122	189	504	151
Old Kilpatrick (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. Lyle,	454	1014	57	45	39	7	91	253	112
Dumbarton,	M. Gilmour,	396	1282	34	76	18	119	40	281	123
Vale of Leven, Helensburgh,	C. Clarke,	535	2411	46	91	43	5	82	290	105
	Total,	3546	11,551	398	406	438	259	558	2183	532

Throat, Nose and Ear Clinics.

	Clydebank.			Kirkintilloch.			Dumbarton.			Total.		
	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total
Number of Children examined	337	68	405	164	8	172	399	25	424	900	101	1001
Number of Children operated on ..	253	58	311	121	8	129	335	24	359	709	90	799
Attendances with Ambulance	253	56	309	121	8	129	329	24	353	703	88	791
Home visits for after-care	457	119	576	356	24	380	1404	72	1476	2217	215	2432
Nature of Operations—												
Excision of Tonsils and Adenoids ..	225	40	265	103	7	110	289	18	307	617	65	682
Excision of Tonsils only	..	..	..	3	..	3	1	..	1	4	..	4
Excision of Adenoids only	26	18	44	15	1	16	44	6	50	85	25	110
Others	2	..	2	..	..	..	1	..	1	3	..	3
Causation—												
Discharging Ears	69	5	74	12	..	12	22	2	24	103	7	110
Tonsils much Enlarged	98	31	129	9	2	11	147	7	154	254	40	294
Deafness	40	6	46	22	..	22	39	1	40	101	7	108
Obstructed Breathing and Deafness	32	12	44	..	..	..	11	..	11	43	12	55
Obstructed Breathing	98	31	129	23	1	24	139	8	147	260	40	300
Rhinitis	4	..	4	13	..	13	6	..	6	23	..	23
Tonsilitis	17	2	19	43	4	47	70	7	77	130	13	143
Enlarged Glands	215	24	239	16	..	16	251	11	262	482	35	517
Bronchitis	6	2	8	..	..	..	5	1	6	11	3	14
Various..	71	11	82	16	1	17	47	6	53	134	18	152
Results—												
Progress definite and rapid	253	58	311	111	8	119	332	24	356	696	90	786
Progress retarded	..	..	..	10	..	10	2	..	2	12	..	12
Still on the books	22	8	30	29	3	32	18	..	18	69	11	80
Sent to Hospital	2	..	2	..	..	..	..	..	..	..	..	..
Died	..	..	..	..	..	..	1	..	1	1	..	1

Dental Treatment.

School Management Area.	Number of Children Treated.					Conservation Treatment.					Extractions.				
	Routine Cases.			Number of Emergency cases treated	Total Number of Cases Treated	Teeth Filled.		Teeth Conserved by other Treatment.		Total Number of Teeth Conserved.	Teeth Extracted.			Anæsthetics.	
	Number of Cases Inspected.	Number of Cases requiring Treatment.	Actual Number of Cases Treated.			Temporary.	Permanent.	Temporary.	Permanent.		Temporary.	Permanent.	Total No. of Extractions	Local.	General.
Cumbernauld .. (Mr. Martin),	841	470	201	..	201	2	94	9	85	190	327	38	365	295	..
Kirkintilloch .. (Mr. Martin),	488	326	134	..	134	2	28	14	51	95	124	46	170	136	..
Kirkintilloch .. (Mr. Wydner),	*586	*586	298	..	298	53	258	10	33	354	1168	326	1494	1405	9
New Kilpatrick (Mr. Martin), ..	196	118	100	161	261	7	133	12	271	423	338	101	439	372	..
Old Kilpatrick .. (Mr. Martin),	500	350	128	230	358	1	145	33	293	472	475	171	646	528	..
Old Kilpatrick .. (Miss M'Kendrick),	7212	4105	1344	602	1946	4	830	..	514	1348	4388	1187	5575	4251	149
Dumbarton .. (Miss Pugh),	1227	1044	389	476	865	17	573	222	34	846	1344	400	1744	912	77
Vale of Leven .. (Miss Pugh),	310	281	230	609	839	10	437	144	46	637	1520	317	1837	905	62
Vale of Leven .. (Mr. Martin),	110	56	24	..	24	1	2	..	5	8	33	7	40	33	..
Helensburgh .. (Mr. Martin),	514	262	84	342	426	25	327	17	441	810	571	183	754	616	..
Total, ..	11984	7598	2932	2420	5352	122	2827	461	1773	5183	10288	2776	13064	9453	297

*In Kirkintilloch Burgh, inspections are carried out by the Medical Officer, who refers children requiring treatment to Mr. M. Wydner, L.D.S. Mr. Wydner is a part time dentist, and during the session he worked for 261 hours.

Ophthalmic Treatment of School Children.

		School Management Area.																							
		Dumbarton.				Helensburgh.				Kirkintilloch and Cumbernauld.				New Kilpatrick.				Old Kilpatrick.				Vale of Leven.			
		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Defective Vision treated with Spectacles,	H.	41	42	35	31	5	7	10	9	19	21	27	26	..	..	3	3	51	50	65	58	29	28	21	22
	H.A.	27	25	44	48	9	7	11	13	33	29	30	32	..	..	10	10	48	51	62	64	18	19	20	21
	M.	10	12	15	16	2	2	3	5	5	6	6	9	1	1	3	4	13	13	19	16	4	3	6	6
	M.A.	7	8	11	10	2	2	3	2	8	6	9	8	2	2	2	2	7	6	21	27	1	1	10	8
	Mix. A.	6	4	4	3	1	1	2	..	4	6	6	4	..	..	2	1	3	2	2	2	2	2	1	..
Total, ...		91	91	109	108	19	19	29	29	69	68	78	79	3	3	20	20	122	122	169	167	54	53	58	57
Defective Vision too slight to benefit from Spectacles, ..		13	11	14	16	1	1	5	5	3	4	6	5	1	1	5	5	16	16	15	13	5	6	7	8
Defective Vision otherwise treated, ...		12	14	19	18	..	..	..	..	7	7	6	6	2	2	1	1	14	14	11	15	4	4	5	5
Total Number of Children Examined, ...		126		142		20		34		79		90		6		26		152		195		63		70	
Re-Examinations, ...		95		120		16		20		54		68		4		18		120		138		35		62	

Total Number of Children Examined—1003.
Total Number of Spectacles supplied—700.

Ophthalmic Treatment of School Children—*Continued.*

Complications.	School Management Area.											
	Dumbarton.		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis, ...	3	6	..	1	5	2	1	1	14	5	2	3
Ptosis, ...	..	1	..	..	..	..	..	..	..	..	..	..
Strabismus convergens, ..	28	33	7	9	19	20	..	..	47	62	23	12
Strabismus divergens, ..	2	2	..	..	..	..	..	..	2	2	..	..
Conjunctivitis and Keratitis,	10	17	..	..	5	6	..	..	10	8	2	3
Opacity of Cornea	4	13	1	1	7	6	1	2	7	11	3	5
Cyclitis, ...	..	..	..	..	..	..	..	..	1	..	..	..
Synechia anterior, ...	..	..	..	..	1	..	..	..	..	..	..	..
Synechia posterior, ...	..	..	..	..	..	..	..	..	1	3	..	..
Opacity of Lens, ...	1	1	..	..	..	1	..	..	2	1	..	1
Choroidal Atrophy, ...	..	1	1	1	1	..	..	..	1	2	..	1
Optic Atrophy, ...	..	..	..	..	1	..	..	..	..	1	1	..
Coloboma Uveæ	..	..	..	..	..	..	..	..	1	1	..	..
Nystagmus, ...	1	1	..	..	1	..	..	..	..	2	..	..
Albinism, ...	2	1	..	..	1	..	..	..	1	1	..	..
Microphthalmia, ...	..	1	..	1	..	..	..	..	..	..	..	..
Phthisis Bulbi, ...	2	..	..	..	..	..	..	..	..	..	..	..
Anophthalmia, ...	..	..	..	..	..	..	..	..	..	1	..	..
Detachment of Retina, ..	..	..	..	..	..	2	..	..	..	..	..	..

Report by School Nurses.

District.	Nurse.	Number of Children examined.	Total number of Inspections.	Number of Visits to Parents or Schools.	Vermin or Nits on head.	Vermin or Nits on body.	Vermin Suspected.	Unsatisfactory Clothing.	Unsatisfactory Footgear.	Others.
Cumbernauld, Kirkintilloch,	C. Jeffrey,	516	1917	99	288	42	174	19	..	..
New Kilpatrick, Old Kilpatrick, (Landward)	E. Yule,	286	1579	99	260	74	24	27	28	10
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer)	S. Dougherty,	628	2134	89	285	59	367	17	5	51
Old Kilpatrick, (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. Lyle,	262	1662	99	109	23	65	7	7	4
Dumbarton,	M. Gilmour,	505	1026	76	300	131	28	38	46	15
Vale of Leven, Helensburgh,	C. Clarke,	598	1480	80	391	152	168	56	46	1
Total,		2795	9798	542	1633	481	826	164	132	81

PAGE

Preface, ... 3
Administration, ... 8
Average Heights and Weights, ... 13a
Cleanliness of Head and Body, ... 13
Clothing, Sufficiency of, ... 11
Clothing. Supply to Necessitous Children, ... 39
Co-ordination with Public Health Service, ... 8
Defects—
Dental, ... 17, 42
Hearing, ... 24
Mental, ... 26
Speech, ... 25
Visual, ... 23a
Deformities, ... 32
Diseases of—
Ears, ... 23
Eyes (external), ... 22
Heart and Circulation, ... 27
Lungs, ... 28
Lymphatic Glands, ... 20
Nervous System, ... 29
Nose, ... 18
Skin, ... 17a
Throat, ... 19
Employment of School Children, ... 40
Feeding of School Children, ... 38
Footgear, Sufficiency of, ... 12
Infectious or Contagious Diseases, ... 33
List of Staff, ... 5
Medical Treatment at Clinics, ... 40
Necessitous Children, Supply of Clothing, ... 39
Number of Schools, ... 6
Number of School Children, ... 7
Number of School Children Examined, ... 10
Number of Special Visits, ... 7
Nutrition, ... 16

Other Diseases and Defects, ... 34
Personal Hygiene, ... 38
Physical Education of School Children, ... 38
Previous Illnesses, ... 35
Rickets, ... 31
Ringworm, X-Ray Treatment, ... 39
Sanitary Condition of Schools, ... 8
Special Schools and Classes, ... 37
Spectacles Supplied, ... 43
Tuberculosis (Non-Pulmonary), ... 30
Vaccinations, ... 36
Visual Acuity, ... 23a